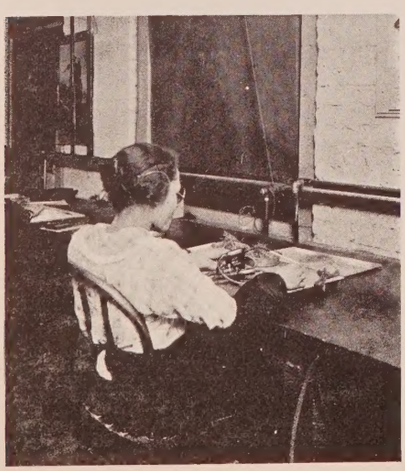
RADIO AGE

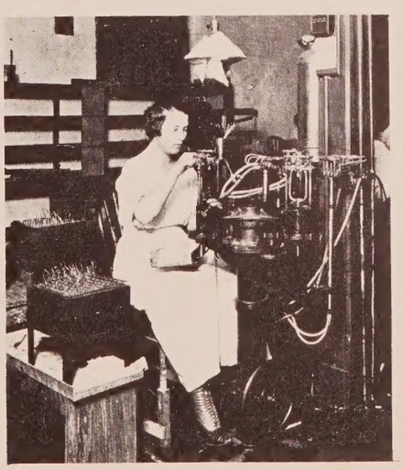
Vol. 16, No. 9 September 1991 $1.75

Welding platinum, nickel, copper, etc.

(left) Moorhead factory, San Francisco

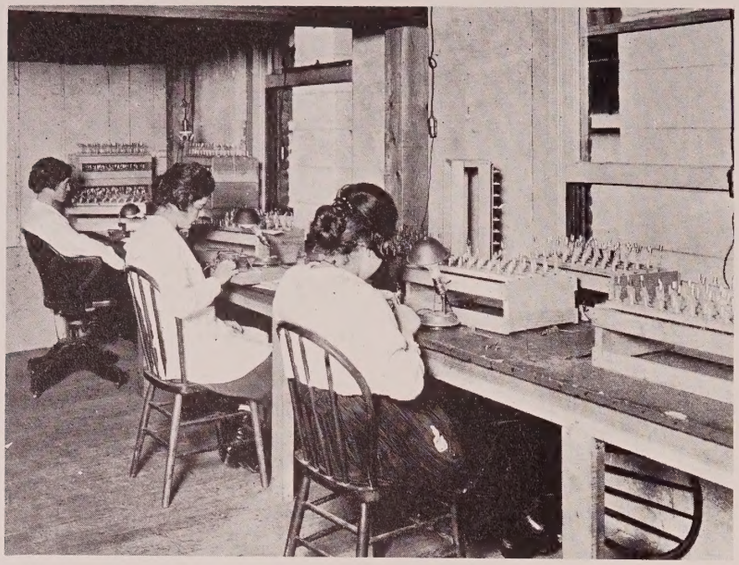


Welding nickel & copper with Oxyacctylene

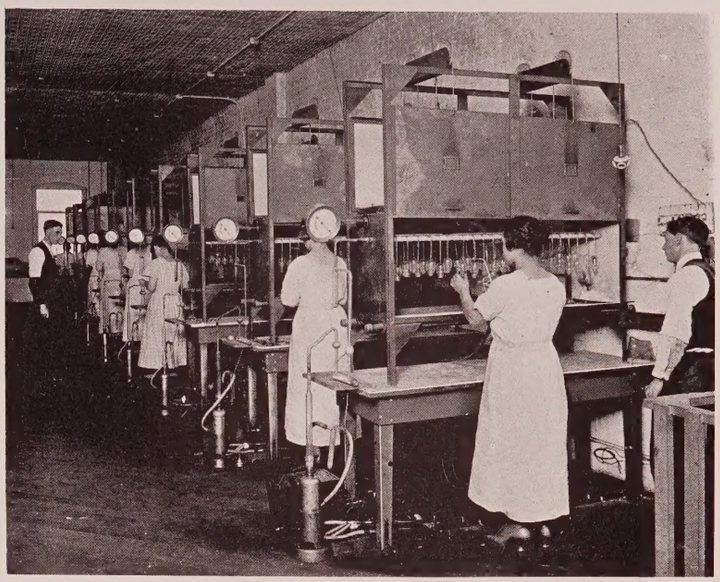


Stem machine and operator

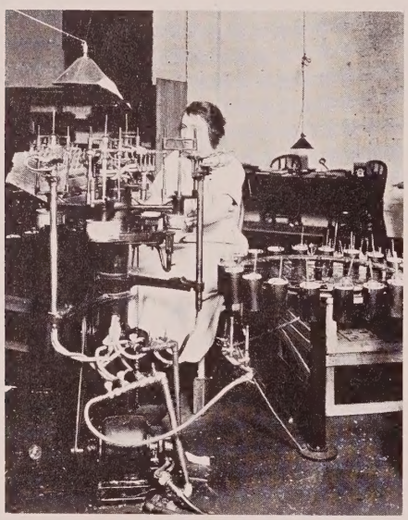
The tubulating operation



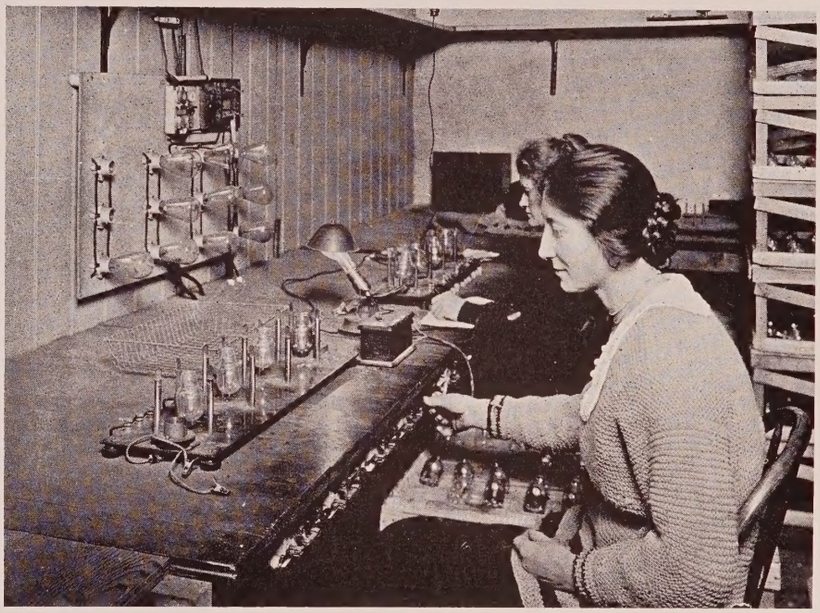
Final inspection of assembled elements and attaching filaments



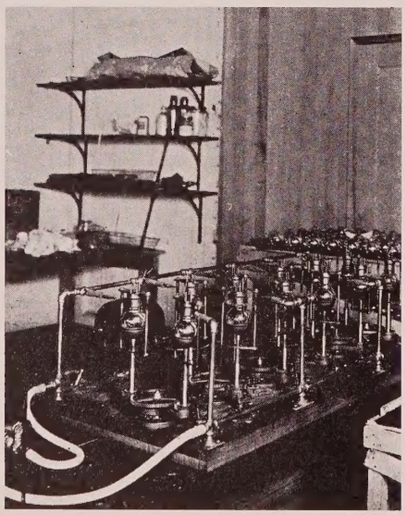
Evacuating ovens and pumps in operation



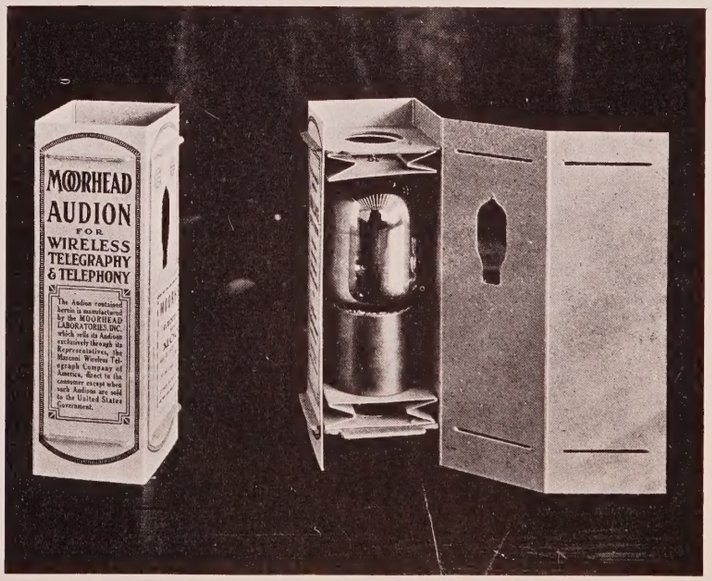
Process of sealing



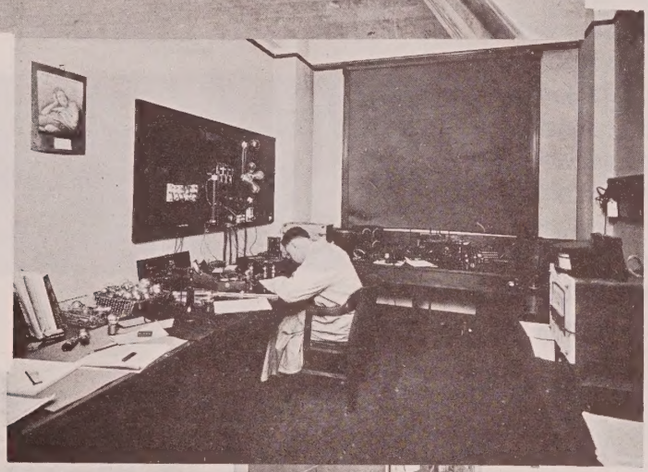
Blue glow test after pumping



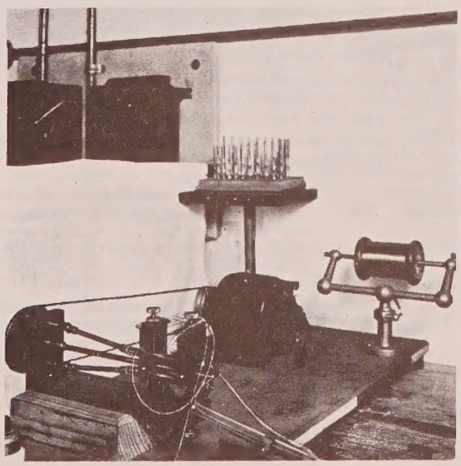
Basing machine for cementing brass collars



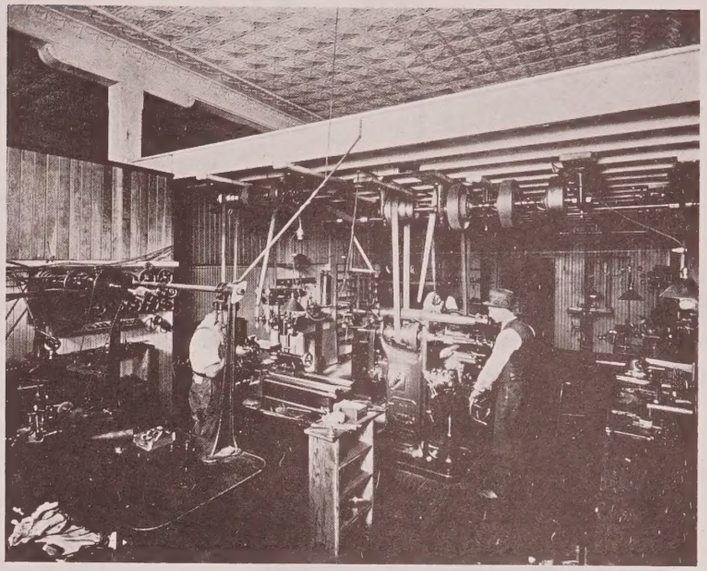
A unique carton invented by N.B. Wallace



Testing & Experimental Laboratory
Engineering & Experimental Department
Experimental Glass Department



Grid winding machine



General machine shop

The Moorhead history presented in the June issue and in this issue were the result of a purchase of a Moorhead book and seven perfect tubular Audions from the estate of Virginia Doss who knew Moorhead personally.

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The Voice of the Nation - Part VI

By Eric Sanders

1923 seems to be the year that Western Coil & Electrical Co. really began to be a serious national entity. Ads began to appear in radio news, QST, and Popular Radio. Although the WC-5 was the most heavily advertised, Western Coil had three other models available. These were the WC-6, WC-10 and the loud speaking cabinet model "Radiodyne" WC-10. (More about these later...)

The WC-5 was first advertised encouraging direct from the factory information. (Fig. 1) By mid-year testimonials were a part of each ad. (Fig. 2) In November a Mr. Ben Ott (9ZY) of Lacrosse, Wisconsin, a well known man, began endorsing the set. (Fig. 3) One month later, an ad for the WC-5 SW model appeared in QST.

Low and behold, Mr. Ott was now selling this new Western Coil model. (Fig. 4) Instead of the WC-5 coverage of 160 to 750 meters, the SW version covered 90 to 380 meters.

This "short wave" version seems to have been offered exclusively through Ott Radio Inc. Sadly, I cannot say how this SW model differs from the standard set as I have not seen one. I would venture a guess that the difference was in the number of windings on the variometers, and perhaps the use of a different size tuning capacitance.

Whatever the differences were, Mr. Ott felt justified in charging an extra five dollars for it! A look at the schematic (Fig. 5) suggests a rather simple four tube TRF design. However, from experience tuning my set, I cannot help feeling that Mr. W.T. Lewis purposely mounted his variometers close together to take advantage of the regenerative effects possible coupling the input and output stages of the RF circuit.

I wonder if this loose coupling of the RF was not considered a violation of Armstrong's patents because audio frequency energy was not fed back via a tickler coil?

The Radio Outfit That Stays Sold

The W. C. 5

W. C. 5 receiving sets are giving complete satisfaction because they are so reliable and easy to operate. One distributor recently sent out an order of over 100 W. C. 5 sets to garagemen who had had no previous experience with radio outfits. The fact that only 2 out of the 100 sets required service from the distributor shows how successfully W. C. 5 sets can be operated by people who have had no radio experience. Among operators who have seen it the W. C. 5 is fast becoming recognized as the most efficient tuned radio frequency set.

Price $80.00

Wave Lengths 160 to 750 meters

The W. C. 5 is a 4 tube set. One stage of tuned radio frequency amplification is employed ahead of the detector to make it supersensitive. Two powerful stages of audio frequency are used to bring up the volume of signal strength. Simplicity of construction and the elimination of unnecessary parts make this set easy to operate and effective for receiving from long distances.

This set is so efficient on short waves that it has picked up many stations on their lower harmonics.

TO THE A.R.R.L.

We appreciate your efforts in boosting W. C. sets and are always pleased to furnish full information about them to members who have not yet had an opportunity to operate a W. C. 5. We want every member to know the merits of this efficient outfit. If you are interested we will gladly send you a complete description of the W. C. 5 together with information as to where you can see one in operation.

Just drop us a line and we will see that your enquiry gets prompt attention

WESTERN COIL AND ELECTRICAL CO.
303-Fifth St., Racine, Wisconsin.

Figure 1

Who Says Radio Won't Work in Summer?

The W. C. 5

can do it. Read what this owner says:

"I have no outside antenna; just plug into the light socket. Last night I picked up K.G.W. Portland, Ore. very clear. It is about 1500 miles from here, also had Atlanta, Ga. nine hundred miles. Picked up Omaha last Sunday morning at ten o'clock when the temperature was 95 in the shade and the sun shining bright. Very few sets will do that. Got K.P.O. Saturday night; San Francisco, Cal. about two thousand miles. Took a friend of mine over to the house the other night and let him hear a real machine. He has a $300.00 outfit and is willing to sell same and get a W. C. 5."

Frank Williams,
Winona, Minn.

Price $80.00

Wave Lengths 160 to 750 meters

The W. C. 5 is a 4 tube set. One stage of tuned radio frequency amplification is employed ahead of the detector to make it supersensitive. Two powerful stages of audio frequency are used to bring up the volume of signal strength. Simplicity of construction and the elimination of unnecessary parts make this set easy to operate and effective for receiving from long distances.

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Just drop us a line and we will see that your enquiry gets prompt attention

WESTERN COIL AND ELECTRICAL CO.
304-Fifth St., Racine, Wis.

Figure 2

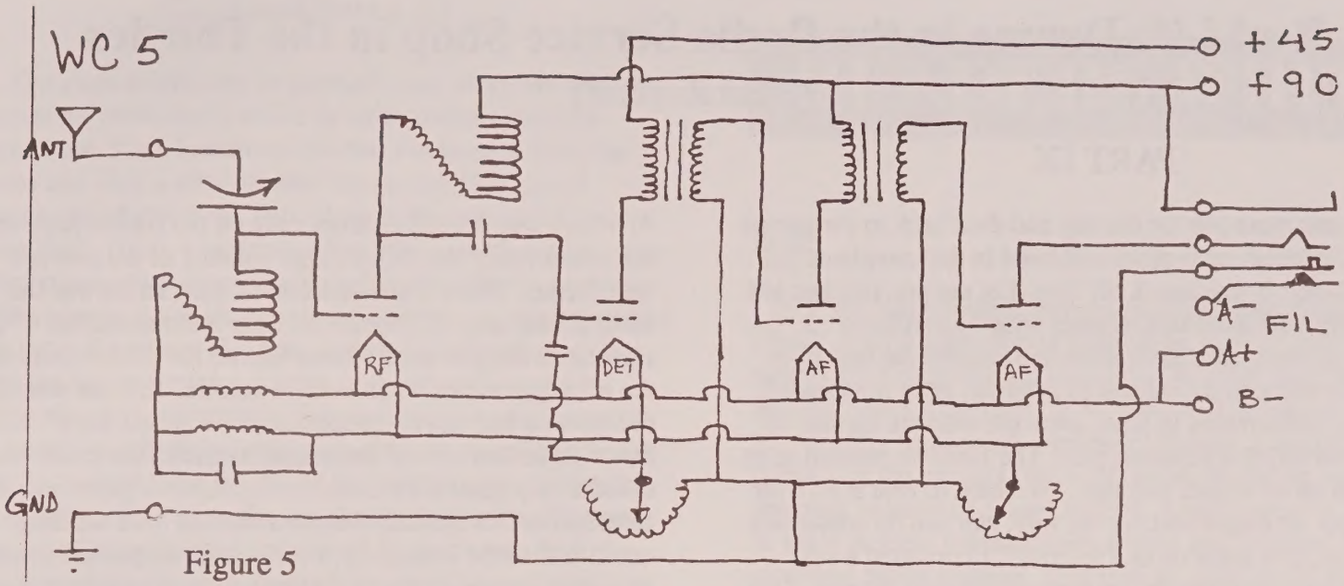
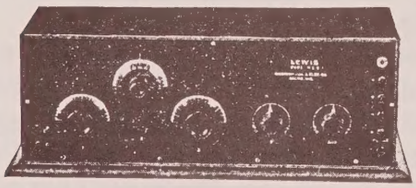


Figure 5

9 Z Y Recommends



The W. C. 5

"The W. C. 5 is so efficient, dependable and easy to operate that we recommend it above all other receiving sets," says 9ZY of LaCrosse, Wisconsin. "You can depend on the W. C. 5 to operate without trouble or delay even under the most unfavorable conditions."

You will be surprised with the range and supersensitiveness of the W. C. 5.

Price $80.00

Wave Lengths 160 to 750 meters

The W. C. 5 is a 4 tube set. One stage of tuned radio frequency amplification is employed ahead of the detector to make it supersensitive. Two powerful stages of audio frequency are used to bring up the volume of signal strength. Simplicity of construction and the elimination of unnecessary parts make this set easy to operate and effective for receiving from long distances.

TO THE A.R.R.L.

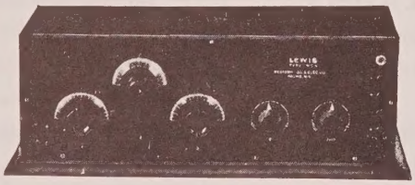
We appreciate your efforts in Boosting W. C. sets and are always pleased to furnish full information about them to members who have not yet had the opportunity to operate a W. C. 5. We want every member to know the merits of this efficient outfit. If you are interested we will gladly send you a complete description of the W. C. 5 together with information as to where you can see one in operation.

Just drop us a line and we will see that your enquiry gets prompt attention

WESTERN COIL AND ELECTRICAL CO.
304-Fifth St., Racine, Wis.

Figure 3

The Most Practical Set For Low Wave Specialists



Are you having trouble getting short wave signals? The WC-5-SW shown above picks up signals on wave lengths from 90 to 380 meters sharp and clear. It is built by and for short wave specialists. The price is $85.00.

WC-5-SW

Built especially for Transmitting Amateurs

The WC-5-SW is a 4 tube set. One stage of tuned Radio Frequency amplificatin is employed ahead of the detector to make it supersensitive. Two stages of audio frequency are used to bring up the signal strength. Uses any type of tubes. Gives perfect control of audibility. Detector rectifies only. Uses antenna compensating condenser. Only two control adjustments. Pure negative biasing on all tubes, thus marked saving B Battery current, Tuned Radio Frequency sharpest known and most selective principle ever adopted. Plate potential non-critical. Mono-block tube socket. No grid plate leads on audio amplifiers. Audio amplification absolutely necessary when using low efficiency receiving antenna, i.e., underground or indoor. Mahogany cabinet, piano rub finish. Rabitted-in panel. Split lid cover.

Write for complete description and illustrated folder on this practical set for low wave specialists. All transmitting amateurs will be interested in this literature..

OTT RADIO, INC.

224 Main St., La Crosse, Wis.

Figure 4

BACK ISSUES

Back issues are available. You can order the January 1991 issue for a complete index of all issues published by Radio Age since 1975. Back issues are priced at $2.00 per single copy. Quantities over 10 will be at the rate of $1.75.

Let the Buyer Beware

There is an individual in Maryland reported to be copying Alan Jesperson's 1921-46 Zenith literature. Not only is this unethical, but the quality has got to be poor.

Real Life Drama in the Radio Service Shop in the Thirties

by Alan Roycroft

PART IX

Well one more job for the day and then back to the garage to gas up, replenish parts stock and hand in the completed job sheets, and then it was knock off time. Let me see, this last job was a bakery with a Stewart Warner with "low volume". I found the company in a back street and entered the bakery to see a winter scene in the middle of summer, or so it appeared. Everything was covered in flour, even the workers seemed to be powdered up for a Japanese play. The foreman pointed to an R-102 high up on a shelf and said, "We used to hear it all over the place but no longer and, by the way, can you do something with the dial, it is stuck on one station?". I borrowed a step ladder and brought down the snowbound Stewart Warner. That took quite a while to brush off the flour so some parts could be identified. It was made about 1931 with 2.5 volt heater tubes, a separate oscillator tube for the superhet mixer and there was the power transformer? I called out to the foreman, "Do you people have AC power here?". "Yes", was the reply. "We put in new ovens some time ago and the power was changed then. It cost a heluva lot of dough, if you know what I mean", he grinned. It would be best all around to change the city entirely to AC but that was years in the future.

Since the set had been running for a long time without service, I brought my new Hickok checker in and surprisingly all tubes tested good except the 80 rectifier and the 47 output tube which were 70%. The 47 was a Sylvania with their green leaf sticker on the glass and their "PZ" mark for the type 47. I remembered seeing an output tube marked "PZH" which was a 2A5. The flour on the two weaker tubes was browned to a crisp, rather overdone, I would say. I plugged the set into a nearby bench outlet and listened to the one station. It was lifeless as soon as the volume was advanced. The sound would go into deep distortion. I changed the 47 and the 80 without any detectable improvement. Looking into the chassis I noticed some old friends, Ohmite 1/2 and 1/4 watt resistors. Ohmite used ribbed ceramic formers with the usual color code of the day. Any value above 50K would change or, more often open up completely. To avoid this sucker problem I clipped out the second detector plate load and a 75K decoupling resistor. There was a series quarter meg with the coupling cap to the 47 grid. Figuring that the set would never be used on weak signals and all the audio gain possible would be of value, so it was jumped out of circuit. The 47 grid resistor and back bias filter were next to be replaced with the oscillator grid leak. All the others were one watters and since I had never seen this rating fail, I left them in. Using my new Simpson multimeter, I checked the 47 output tube's plate volts as I shorted the 27 second detector plate to ground. The 47 plate came up several volts while the 27 plate went to ground, indicating a leaky coupling cap but it was not too bad. I was scraping the barrel so a new .02ufd tubular was soldered into place. Still no improvement, just barely quiet volume before the sound went to pieces.

I wondered, maybe the 47 filament was low, directly heated output tubes are rather finicky, but no, the Simpson showed it to be a hair over 2.5 volts. I checked the bias on the 47 which was developed from a tap on the filter reactor in the center tap of the high voltage winding of the power transformer. There it measured as 14 volts and it was the same all the way up through the filter resistor and the 47 grid resistor on the grid itself. There was no RF plate bypass on the 47 to ground or B+ as usually installed so there was no chance of a bad cap to reduce volume. I pulled the 47 in and out of its socket several times and instead of the usual loud click, a very quiet click could be heard. Next guess was the field coil on the speaker. Maybe a shorted field winding could reduce the sensitivity. I very carefully pushed a small screwdriver through the grill cloth and tried to hold it about one inch off the end of the speaker's pole piece. Now there was no doubt about pole piece magnetization, it nearly pulled me through the grill cloth. Now what else? Maybe the pole pieces were off center and the voice coil was jammed in the gap, but no, I detected a faint hum.

Then a new thought turned up. I kept the Simpson on the 47 plate while I turned the volume up showing that the plate voltage was steady until the distortion started. I measured the grid voltage and again, it was steady at 14 volts until the distortion started and then the grid voltage increased with surges that followed the music. That 47 was drawing grid current at a level of what sounded like one watt of power out. I dashed out to the Ford, praying that I had remembered to replace the speaker transformer that I had used on two previous jobs. Yes sir! There it was, 7,000 ohm primary to a 3.5 ohm voice coil. Even the mounting holes were the same so it was soon in place and wired up. With shaking hands I turned on the Stewart Warner as I was about out of ideas, and then out of the silence, "Alexander's Ragtime Band" hit the bakery at about 3 watts or so. It had never sounded better or LOUDER. The foreman came by smiling, "That's how it always use to play". I was kicking myself for not remembering some of Albert's lessons, shorted turns in any audio or output transformers causes low output or gain. The clues were all there including the fact that the set had always been set for high volume with no RF bypass on the plate. I hastily wired a .004ufd tubular from the 47 plate to ground, making sure that it was a 600 volt working value. Now that dial drive.

Albert's words of great wisdom returned to me on the subject of the dreaded DeJur Amsco dials. The scale was commonplace, a semi-circular orange celluloid scale with a small arrow that ran around the outside of the scale. I knew only too well what was in wait for me. The tuning knob shaft extended through the front cabinet panel where it engaged with a semi-circular plate connected to the dial pointer. A cut in the quarter inch diameter knob shaft gripped both sides of the circular pointer plate. A small spring assembly placed tension on the plate to engage the cut as tightly as possible, a most learned idea cut down by age and years of

(Continued on p. 7)

(Continued from p. 6)

use. The plate and the cut in the shaft wore away the original dimensions, particularly where favorite stations required frequent use. First, I removed the dial mechanism from the chassis and filed a semi-circular hole in the plate at one extreme end of its travel. This allowed the removal of the tuning shaft. Using a half round fine file, I gently cut the edge of the pointer plate away equally around its edge to expose a thicker edge to the shaft. A very fine file then could be used to clear away the edges. The final hat trick was to close up the cut in the tuning shaft by placing it on a firm base and by holding the shaft perfectly upright and using a small hammer, one could, with luck and expertise, give the end of the shaft a blow that would close the cut by the precise amount required, but most importantly, so the cut closed up equally all around. I had very little expertise but prayed for more than luck, closed my eyes and gave the shaft the one blow permitted for a satisfactory repair. I hastily reassembled the drive and replaced it on the chassis. By golly it worked but I did not want to try my luck too far so I tested the assembly out with only two runs across the dial and back. I sincerely hoped that one day I may visit the USA, find that damned DeJur Amsco factory and burn it to the ground. Now that the first part of my hope turned into reality more than thirty years ago, my second hope has lost its urgency in a rosy glow of nostalgia.

I soon had the Stewart Warner up on its perch on the wall and while the bakery workers assembled to hear their radio, I gave them a dire warning, "If you HAVE to change stations, do it sparingly, slowly and lovingly, otherwise you will all be out of luck. It may fail between stations and if you call me I will commit Hari Kari rather than fiddle with that damned drive". I may have been too negative but I would have felt better if Albert had done the filing and swiping. I left for the shop with good feelings all around and a large bag of warm buns.

To be continued.

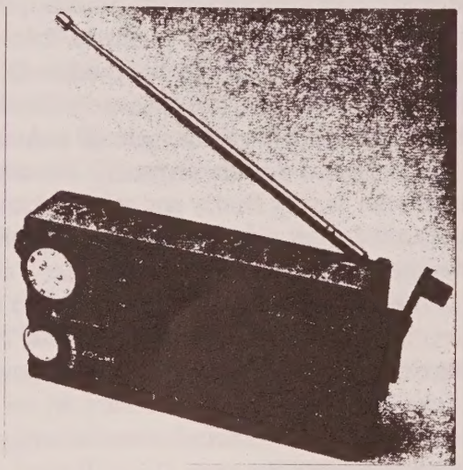
Let us know who would like a copy of Radio Age and we will send them a FREE COPY!

READERS WRITE

Don,

I just came upon a most unusual transistorized radio that I think deserves mention in Radio Age. One of these radios should be in everyone's transistor radio collection! Why? Because this set operates on AC power, solar power, battery power or by hand-crank generator? Finally, a radio that can operate by the owner's (physical) power!!! Never miss a program because of a dead battery. A serious use of this type of set is in areas having severe storms and frequent, long-term electrical power outages. This type of radio could even save lives!

Jim Farago



Our **DYNAMO/SOLAR AM/FM RADIO** has all charging sources covered. It has a small solar panel for solar charging, an AC/DC plug for standard (110V) power grid charging, and a hand-cranking dynamo for hand charging. The dynamo charges at a 10:1 ratio. One minute of cranking gives you ten minutes of radio operation. Great for keeping track of civil defense broadcasts when no other power source is available.

SP-418 Dynamo/Solar Radio **$35**

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1-800-345-4913

Sparton Bluebird Model 506 Replica Evaluation

By Andrew Mooradian

About two years have past since our last review of a replica radio. Many of you will remember our series, Replica Radios of the 1980's, where I reviewed the Tunemaster, FADA Bullet, Coca Cola Cooler and G.E. Cathedral. For those of you that are not familiar with the series, check out the 1989 issues (especially the April 1989 issue).

The Sparton Bluebird is the latest reproduction radio on the market priced at $300.00 retail and is sold through Xonex International and produced in France. For those interested in being distributors, the wholesale price is $150.00, as quoted in their sales brochure. The cost for an original is now in the $3000.00 range, so if you are looking for an alternative this one might fit the bill.

When I first saw the ad for the Sparton I was very impressed and said to myself this looks like a sharp replica. After waiting about four months with frequent letters from Xonex apprising me of the status of the Bluebird, it finally arrived. Upon inspection I noticed that the knobs were the incorrect style (fluted, replacements are promised), the speaker was covered with a plastic speaker grill (similar to the kind found in automobiles), and the material around the dial was misaligned (original was a wire mesh). The chrome plastic front overlay is very flimsy and mine did not lay front against the mirrored glass. Also, the cabinet appears to be made of thin plywood with a veneer covering.

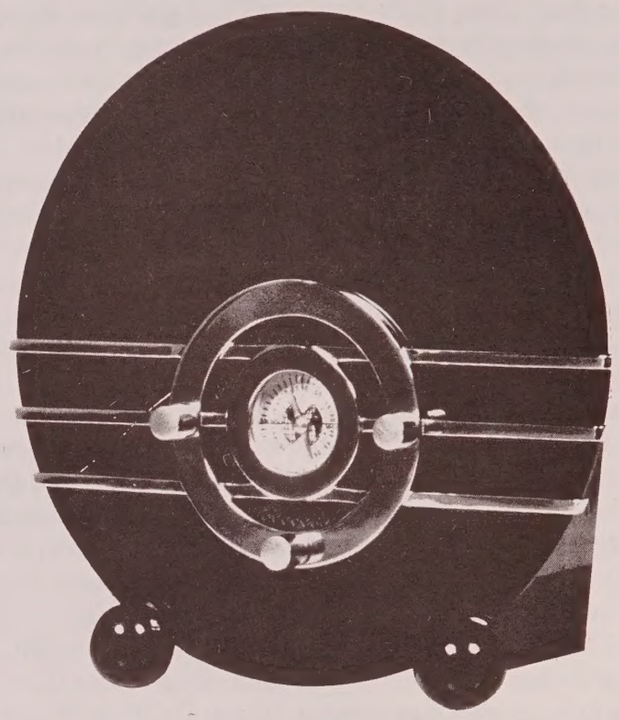
After using the set for two days the set began to make a buzzing noise when tuning it in between stations. This made me very disappointed since the set uses Sony technology which was stressed in the ad. I am returning my set as this was a total waste of money. Some people, from what I gather, have been paying $400.00 for one.

The earlier Bluebird replica sets have no backlit dial and have the fluted knobs. The later sets have the backlit dial.

When evaluating a replica radio we expect some differences, i.e. brass plated chrome trim is now metallized plastic. One also expects the price to coincide with the degree of craftsmanship (see April 1989 issue for more details). A basic summary of the criteria is described below, in order of importance. It should be noted that items 1-5 should equal item 6, else great thought should be contemplated before purchase.

1. Originality
2. Cabinet finish
3. Controls feel sturdy
4. Tuning accuracy
5. Sound quality
6. Value

I rate the Bluebird as a fair replica, due to the problems encountered. The Bluebird sports a nice 14.5" diameter cobalt blue mirror front, which is as striking as the original Sparton mirrored radios. As with most reproductions, not much electronics is present, just a circuit board, speaker and a power transformer. The set plays very well and is an AM/FM set. Tuning is very smooth but tends to make noises while in between stations. Sound reproduction is very nice and no distortion or vibration occurs at higher levels. Other collectors report pickup of one station at both ends of the dial.



Is the Bluebird a good buy? That is up to you. In my opinion the set is over priced and there are many discrepancies with what is advertised and the actual product. The key phrase is "THE PERFECT RE-CREATION" in the earlier ads that made me want to buy one. Later ads say a "NICE RE-CREATION". If you are a radio collector you will recognize the variations. The everyday person would be satisfied with the set.

Sometime in July a new version will be out to correct all the flaws in the first two production runs. If you really want one, wait until then, or build your own (the blue mirrored glass is now available, and a small silvertone farm radio chassis should work fine).

The reason for the discrepancies seems to be attributable to the overseas manufacturer, since the parts are made in Japan and then shipped to France for assembly. In my opinion a project of this magnitude would have been best handled by a firm within the U.S. where the manufacturing process could be closely monitored and mistakes could be corrected immediately. I have worked with many firms in getting parts reproduced for radios and have never had a problem. If there was a problem it was corrected immediately.

The hardest part of accurately evaluating this set was that it was not available in any store to see first hand. If I had seen the set and had a chance to try it, I would not have bought it. For those not pleased with the set, the company will refund your money.

BOOK REVIEWS

Don C. Wallace W6AM: Amateur Radio's Pioneer

By Jan David Perkins

Back in the late 1950's when I first got my ham license, you could tune 10, 15 and 20 meters and hear strong signals that would block your receiver. Many hams in the 1, 2 and 6 districts whose call letters began with W or K were operating kilowatt transmitters and three element beams. But circulating among all of the stories and adventures that hams talk about was the story of one ham in California who had a virtual rhombic antenna farm. I never knew who this person was but the story was that his signals were so strong on all bands that he certainly must have had a 10 kw transmitter buried beneath the ground. Of course this is not true, but I have found out who this mythical person is. His name is Don C. Wallace, W6AM, one of amateur radio's pioneers.

Jan David Perkins grew up in North Beach, California and first met Don Wallace in 1965 when he was in high school. He got his novice ticket and soon worked 100 countries to join the prestigious DX Century Club where he was reacquainted with Don.

Later, when he was serving in Viet Nam in 1968, he listened on 20 meters and W6AM was the loudest on the band. When he returned to the states in 1971 he saw Don again at SCDXC meetings just about every month. By 1974 Jan was through with his college work and had received his BSEE only to learn that Don was having trouble with his equipment. He hadn't had anyone to help him in quite a while. After he had restored Don's equipment with his knowledge of rf circuits, he began to see him more frequently to help. It was then that Jan realized that Don's early days in radio started in the spark era and had been continuously operating for 70 years.

There are a lot of things too numerous to list about Don Wallace but I will mention a few. At age seventeen Don began as a ship's wireless operator steaming to Seattle and then proceeding south.

During World War I Don joined the Navy and was promoted to Chief Petty Officer by the time he was nineteen. It was at this time that he took the competitive exam for Congressman Randall's selection to the Naval Academy at Annapolis, Maryland. He had achieved the highest score on the exam but Naval regulations required that they be twenty-one years old. Congressman Randall intervened on his behalf, but the acting Secretary of the Navy, Franklin D. Roosevelt, would make no exceptions.

Don was put in charge of the Presidential ship George Washington because of his knowledge of arc transmitters. President Wilson would become a personal friend.

After World War I Don returned to Hamline College but later transferred to the University of Minnesota and graduated with a business degree in 1922.

In 1924 he won the Hoover Cup which was a prestigious award presented by Herbert Hoover for the best amateur radio station. He was chosen because of his work on shortwave coinciding with that of John L. Reinartz.

Don participated in trans Pacific tests in 1926 where he again received awards. It was in this year he finally arrived in California where he was to stay the remainder of his life.

In 1938 a storm swept the Pacific. Heavy rain pounded the Long Beach Basin. Since all the telephone lines were down, Fred Reeneking of the International News Association brought his facsimile equipment over to Don's house. From his station the first flood pictures showing destroyed bridges were transmitted to Chicago and were published in papers all over the country.

In 1939 Don became the person to install and operate communication equipment aboard the yacht Contender for the trans Pacific race from Southern California to Hawaii. Many broadcasts of his were aired over the Don Lee Mutual Broadcasting system every day until the Contender finished the race.

War stopped all amateur radio activities but in 1945 Don acquired the Press Wireless receiving site on top of Palas Verdes Peninsula. It was complete with building. Over the next few years Don would improve the site and install a vast switching system for making these rhombic antennas directional. He would eventually install another rhombic to up the total to sixteen. The last one was 1550 feet long from end to end and then Don had the globe covered with 32 possible directions. To make this possible there were 60 telephone poles between 80 and 100 feet high erected across 120 acres and the combined total of #8 copperweld wire was 45 miles. There were another 110 poles, 25 feet high to carry the antenna feed lines from the rhombics to the station house.

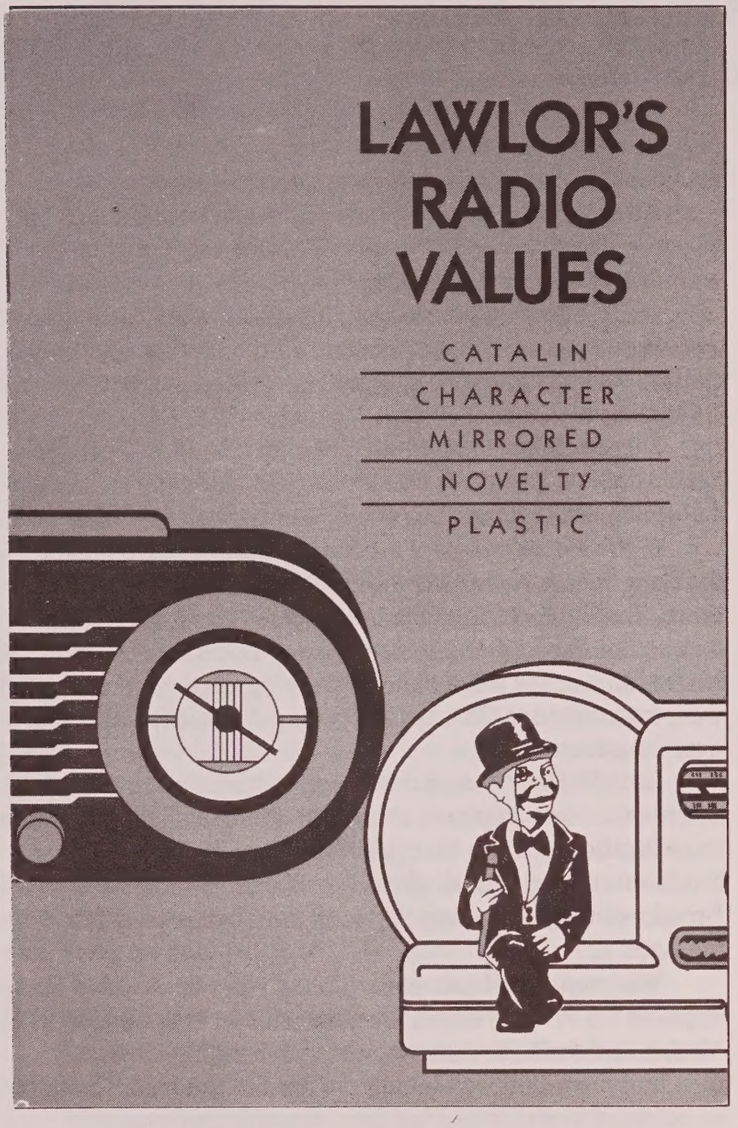
Don began to chase the ultimate DXCC and at one point he was ten countries away from being listed on the DXCC honor roll.

Throughout this book are numerous photos of every event mentioned plus some of Don's equipment, antenna systems, awards and QSL cards. For an ex-ham like me it's a fascinating book and will keep you busy for hours.

(See advertisement elsewhere in this issue.)

MORE BOOK REVIEWS

By Donald O. Patterson



Lawlor's Radio Values

Michael Lawlor attempts to put out a price guide for Catalin, character, mirrored, novelty and plastic radios. He explains about the marketplace and cosmetics. According to him a hairline crack extending from the screw hole on the bottom of a radio would not affect the value of a very rare and desirable radio that much. On a more common set such as a yellow or maroon FADA Bullet, it diminishes the value 15 to 20 percent. A crack one inch or more on the face cuts the value at least in half. Facial cracks, chips, breaks or stains are the worst problems. These same problems on the top or sides seriously affect value. Mild tube burns have a mild effect.

Now here is something I didn't know, not being a Catalin collector myself. Catalin colors change over time due to aging. Most of what today is yellow or butterscotch was originally white. Blue Catalin oxidizes to green and onyx looks like pea green.

As far as prices are concerned, I didn't know that a dark green with medium green trim Garod Model 1B55L, circa 1940, is valued at $12,000+. Model 126, circa 1940, a bright red with yellow trim was valued at $15,000+. Novelty radios such as Rudolph, Lone Ranger, Dahlberg Pillow, Coke Cooler and Porto Bar all seem to be within what I consider to be in-line prices. The Mickey Mouse was valued at $2,000.

You can purchase this book from Bare Bones Press.

(See advertisement elsewhere in this publication.)

EDITOR'S COMMENT

As an editor, there is good news and bad news. The good news is that advertising in Radio Age is increasing because people are now beginning to realize that our magazine has pulling power. Because of this I am happily forced to add more pages to *Radio Age*. As you can see I still have more room to grow.

For those of you who advertise elsewhere and pay for it, give me a break and give yourself a break. Our ads are free up to 50 words and our ad rate is below others. I pledge to keep these rates low with growth imminent. You'll never hesitate to advertise because of cost.

Now for the not so bad news. Our postmaster has refused to accept the current rates the Postal Rate Commission recommended so postage will go up. In addition, we have some adjustments to make for last year's postal increase and the increased cost of adding more pages. Effective with tuits for subscribers who are to renew in November the new rates will be as follows. First Class will be $24/year or 2 years for $43. Second Class will be $19 per year or $35 for 2 years. Canada will be $25/year or 2 years for $45. Foreign rates will be $41 per year. Now that's not so bad for the additional pages. It's still a bargain.

By the way, someone brought it to my attention that my "round tuits" are not round anymore. Because of the printer's camera it now appears to be egg shaped. Well we plan to correct it soon. Ha!

CLASSIFIED AD INFORMATION

IMPORTANT-PLEASE READ!

FOR SALE ADS ARE FREE UP TO 50 WORDS. ADDITIONAL WORDS WILL BE AT THE RATE OF $.10 PER WORD. Same ad run additional months will be at the rate of $.10 per word (no 50 word exclusion after first month).

WANTED ADS ARE FREE UP TO 25 WORDS. Extra words are $.10 per word. If you want to run the same ad additional months please include $.10 per word times the number of months (no 25 word exclusion on the additional months). Name counts as one word, address one word, city, state and zip code one word, phone number one word. **Add $7 for each halftone, $3 for line drawings, $1 for boxed ads, and $2 for shaded ads. NO STAMPS PLEASE!**

ALL ADS SHOULD BE TYPED OR LEGIBLY WRITTEN IN THE FORMAT YOU SEE IN THE AD SECTION AND ON A SEPARATE PIECE OF PAPER. IF I CAN'T READ IT, I CAN'T PRINT IT ACCURATELY. Include your complete name, address and telephone number. Please price your items for sale. Please do not pre-sell items before ad appears.

You can now FAX your classified ads in 24 hours a day. Our FAX number is (404) 738-9246. Please remit any monies due immediately to avoid delays.

PLEASE USE THE FAX MACHINE FOR ADS AND ARTICLES ONLY. Other correspondence should be sent by mail to guarantee receipt. Ads not FAXED should be sent to 636 Cambridge Road, Augusta, GA 30909. Even though it's cheaper to use either of the above, you can still call an ad in to (404) 738-7227. PLEASE USE FEDERAL EXPRESS FOR OVERNIGHT DELIVERIES.

Not responsible for transactions between buyer and seller. Seller responsible for any damages in shipment of items.

WANTED: Chassis for Lester Piano radio including dial, pointer & dial glass. Could use key cover, rack & pedals. Ken Armstrong, P.O. Box 216, Storm Lake, IA. 12/91

FOR SALE: Tubes, schematics, service notes for early radios. LSASE for price list. Sam Faust, P.O. Box 94, Changewater, NJ 07831. 4/92

FOR SALE: Abbotware Horse radios, $125 and $175 or trade for old toys. Warren Burdine, 1606 Idylwild Dr., Prescott, AZ 86301. (602) 778-1608. 1/92

WANTED: 8 day clock for Westinghouse WR8 Column Air radio. Al Braden, 1911-15 St. S, Lethbridge Alta, T1K 1W9. (403) 328-6872. 1/92

WANTED: Transmitting tubes for museum, amateur or commercial. Tubes purchased, traded or donations welcome. All correspondence answered. Visitors welcome. Ye Olde Transmitting Tube Museum, A.C. Jones, K6DIA, P.O. Box 97, Crescent City, CA 95531. (707) 464-6470. 11/91

FOR SALE: Lawlor's Radio Values, a comprehensive price guide covering plastic, novelty, character, mirrored and Catalin sets. Includes no-nonsense "street value" pricing for all radios in the Collins and Sideli books with complete photo-by-photo cross-referencing for easy identification. Independently produced, not affiliated with either Philip Collins or John Sideli. Send $12.50 plus $1.50 postage and handling to: Bare Bones Press, Dept. RA, P.O. Box 179, Santa Barbara, CA 93102. (805) 682-2336. 11/91

FOR SALE: QTC (I Have a Message For You) by "Sparks", Radio officers on ships started as radio was born 1902--now being phased out.

AD DEADLINES

FOR NOV. ISSUE: **SEPT. 23**
FOR DEC. ISSUE: **OCT. 23**
FOR JAN. ISSUE: **NOV. 22**

Facinating recollections of voyages, ports, people and many other aspects of life at sea. Fun reading, great nostalgia plus! Sequoia Press, 2502-R Cockburn, Austin, TX 78745. (hard-cover) $17, (paperback) $11, postage included; or call (512) 442-1311.

WANTED: Kodel, Adler, Cleartone, Doolittle, Bird, Doron Bros., Ainsworth, Bosworth, Pennsylvania Wireless, Sun Mfg., Corcoran Lamp radios; Doolittle, Claravox, Kodel reproducers. George A. Freeman, 102 E. Main St., Madison, IN 47250. (812) 265-6878.

FOR SALE: VTVM RCA model 500A w/ instruction book, $75; tube tester/caddy comb. circa 1935, manufactured by Dayfan for Philco, woth rroll chart, $80; TV marker/ generator, Sylvania model 501, $35; Wilcox-Gay recordio model B-610, $60. All plus UPS. George Greenberg, 1701 Andros Isle K-2, Coconut Grove, FL 33066. (305) 971-9053.

WANTED: Western Electric amplifiers, tubes, receivers, loop antennas, speakers, transmitters, microphones, part sets, and literature. Marc Ingenthron, 9748 Outlook, Overland Park, KS 66207.

WANTED: Zenith chrome front radios models S829, 834A, and 835. Also any horn type, flat or smoking stand stype speakers with the name "Timbretone" on it. Arie E. Breed, 1595 N. Van Buren, Ottumwa, IA 52501. (515) 682-6925.

FOR SALE: Very nice 21" Philco Predicta, table top, completely restored electronically, looks & works great, $425 od B/O. Tony DeMara, 40231 Day, Mt. Clemens, MI 48044. (313) 263-0325.

WANTED: Old test equipment from 1920's thru 1940's. Would like to buy a nice Harvey-Wells Bandmaster TBS-50 transmitter, with or without the VFO. Also need APS-90 or APS-50 power supply for the TBS-50. Thank you. Bill Springer, K5CGR, 923 Nelda, Houston, TX 77088.

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(continued from p. 11)

WANTED: Kennedy 525 Amp., UV-217 Kenotron, type CA Pliotron, holder/adaptor for DeForest type T Audion. Barney Wooters, W5KSO, 8303 E. Mansfield Ave., Denver, CO 80237. (303) 770-5314.

FREE: A 30 lb. box of various club newsletters, AWA bulletins, Antique Radio Classified, Radio Age, Horn Speaker, etc. You pay for packing and shipping. TCBA, 3 Amy Lane, Queensbury, NY 12804. (518) 792-1003.

WANTED: Ozarka portable Model 299 as shown above in any condition. Don patterson, 636 Cambridge Rd., Augusta, GA 30909. (404) 738-7227.

WANTED: Front chrome & knobs for FADA 254. **FOR SALE:** High quality T-shirts designed by Dave Lafluer, creator of Hank Williams T-shirt and designer of hundreds of national ads, including Pizza Hut. Three styles: Radio man, Philco 90 and a deco radio. Shirt price is $13.95 or less depending on the shirt. Postage paid. John Lyle, 1161 S.W. Mulvane, Topeka, KS 66604. (913) 232-0128.

WANTED: Zenith Bookcase model 7-S-261; also Ozarka 95. Pay your price. **FOR SALE:** Eight great tube shields, $15; three Sony service manuals, $25 (transistor radios and tape players); 1959 Oldsmobile car radio, $7, model 989170; Two tube testers, both $7; for parts, B & K 707, Stark 12-22. Gordon Wilson, 11108-50 Ave., Edmonton, AB, Canada, T6HOH9. (403) 434-6257.

FOR SALE/TRADE: RF signal generators - EICO 324, 330; B & K E-200D; Lafayette LSG-10; Conar 280. Transistor tester - B & K 520B. Alvin Bernard, P.O. Box 690098, Orlando, FL 32869-0098. (407) 351-5536.

FOR SALE: Stromberg-Carlson's from my collection: 430M, 235L, 68, 925L (all very good to excellent, see in F.O.S. or B.F.T.P.), $125 each, you ship or pick up. Meissner FM tuner (2), restored, $40 each; Philco 1938 Antenna Kit, NIB, box fair, $25. **FOR TRADE:** Zenith 12S245 "MacDonald Chairside", near mint, for Stromberg-Carlson Gov. Winthrop Desk, or S-C Model 260P combo. Will pick up. **WANTED:** Stromberg-Carlson advertising, paper, clocks, etc.; also very seriously seeking S-C 100-300 series sets, other S-C sets; please inquire. John M. England, Jr., POB 1674, Alexandria, VA 22313. (703) 548-2952.

WANTED: Still need any or all of the following to complete restoration of Eveready console: 3 knobs and dial escutcheon. All consoles use same. Also terminal block cover from 30 or 40 series console. Please help! Ed Mondor, 121 Gatewaye Dr., Greenville, SC 29615. (803) 268-0952.

FOR SALE: LSASE for "Stan's Surplus Radio Stuff" brings my flyer of tubes, parts, radios, literature, etc. Sale on my novelties: Coke Bottle, $30; Classic 1931 Car, $12; Coors Beer Can, $15; Elvis Stand-up, $45; Mocrophone like Breed plate 416, $45; NFL Wilson Football w/ stand NIB, $30; Seagram's Wine Cooler NIB, $20; Radio CUBO, $20. Gernsback Electro Importing Co. original 1915 catalog, $50; William B. Duck catalog 1921, original, $30. All plus shipping. **WANTED:** Snow White and the Seven Dwarfs radio model Q236. Can exchange repair/restoral work or trade for one of my prizes. Stan Lopes, KB6LGV, 1201-74 Monument Blvd., Concord, CA 94520. (415) 825-6865.

WANTED: Philco 70 cathedral cabinet; Kolster 6D for part and/or any parts for a Kolster 6D. PFC Keske, Nick, Bco 498th SPTBN. 2AD (FWD), APO, NY 09355.

FOR SALE: RCA ST1 tombstone, good cond., works, $85 + UPS; Silvertone 1906 tombstone, colorful round dial, works, $85 + UPS; Sparton 65 tombstone, cabinet good, not working, $55 + UPS; Stromberg-Carlson 61T tombstone, works, $175 + UPS. James M. Seal, 3309 Boatman's Mountain Rd., Morristown, TN 37814. (615) 581-8269.

FOR SALE: By bid. Send a postcard with your bid. Bid what you are willing to pay on individual items: 1- RCA Radio Travel-Log, 1936. Next are radio parts and equipment catalogs: 2- Ronwyn Radio Corp., 1934, Chicago, 23 pages. 3- M&H, 1935, Philadelphia, 91 pages, has four or five

(continued on p. 13)

FOR SALE OR TRADE

Moorhead valve SE 1444 serial number US629 which was used in NC4 flight across Atlantic in 1918. Very historic piece plus original photograph (sepia tone) of Moorhead & original injunction served to him. All of these are for trade for Mirror radios or for serious cash offers.

Ed Sage, P.O. Box 1234, Benicia, CA 94510. (707) 746-5659

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pages missing. 4- Walter Ashe, 1934, St. Louis, 56 pages, page one has an ad cut out. 5- Sears Roebuck, 1935, 67 pages. 6- Montgomery Ward, 1937, 56 pages, front and back covers have corner torn off. 7- Montgomery Ward, 1938, 64 pages. 8- Montgomery Ward, 1939, 56 pages. 9- Allied Radio Corp., 1932, 70 pages. 10- Allied Radio Corp., 1933, 82 pages, front cover and first 2 or 3 pages have been folded over, some tear on them. 11- Allied Radio Corp., 1934, 88 pages. 12- Allied Radio Corp., 1935, 104 pages. 13- Allied Radio Corp., 1937, 152 pages. All items in very good condition unless noted otherwise. M.C. McDonald, 2503 Crook St. Falls City, NE 68355. (402) 245-4152 ans. machine 4th ring.

FOR SALE: Telegraph: Bunnell key + sounder station, Bunnell key + relay station, Bunnell key + sounder dated 1895, Manhattan key + sounder station, Bunnell key + couple of spare station parts, best offer above $250; mint RCA 66X9 catalin with fantastic patterns of black & yellow, $399; Zenith 5S218 cube, $110; Sonora #3 phonograph reproducer with art carved wooden arm, $39; Edison cylinder records + storage containers, take all $19; Toys, tin telegraph unit, functional, Western Union, + tri signal with box, take both $15; "Little Giant" electro-magnetic motor kit atready assembled, works, $10, includes display carton. **WANTED:** Dud Audion with Candelabra base. Joe Nocera, 1222 Finch St., New Castle, PA 16101-4840. (412) 658-7805.

$12.50

FOR SALE: Consoles: Philco 40-190, $95; 40-300, $175; 12 tube 42-380, $95; RCA 29K, $125; Zenith #65556, $90; 8H061, $115; 9H081 R/p, $100; 6R087, $60; Serenader 1920/early 30's, $100; Silvertone 94 w/ doors, $100. Tombstones: Clarion Jr. (320 series), $75; Airline 62-150, $75; Philco 620, no speaker, $35; Crosley 515, $60; G.E. S-22, $75. Cathedrals: Majestic 20, poor, $40; Philco 37-60, no knobs, needs refinishing, $30. Wood Table Radios: Philco 41-95 (batt.), $25; 42-340, $25; 46-350, $25; Airline #500 batt., $50; Admiral #7T09X, $30; 7TP5, $25; Sparton #121, $50; RCA #16T4, $35; 96T2, $35; 16X14, $35; American Bosch w/ spk #28, $100; Firestone 4-A-23, $40; Westinghouse #5A52, $20; G.E. #F-53, $25; Silvertone #7031A, $25; Coronado (port.) series B3, $15. Donald Tomlinson, 2311 15th Ave. SW, Austin, TX 55912. (507) 437-3582.

FOR SALE: Hammond Auto Transformer Line Voltage Regulator, Type 173, max. watts output 300, input volts 85/125, cycles 60, output volts 115, excellent, $50 US or interesting trade. **WANTED:** Pilot lamp hood and two original type knobs; also owner's manual for Radiola 17. Ernest D.M. Yeaw, RR#3, Tatamagouche, Nova Scotia, Canada, BOK IVO. (902) 657-2554.

FOR SALE: Beitman book TV-17, 1960 TV's, $7 ppd.; Mallory 3-gang inductor 54-216 mHz, $12 ppd.; Philco Transitone portable parts set Model 50-620, $12 ppd. R.J. Eastwick, N2AWC, 224 Chestnut St., Haddonfield, NJ 08033. (609) 429-2477.

FOR SALE: Majestic 71 console, 1928, walnut, upper front window dial, lower oval grill with cut-outs, three knobs, BC, AC, electrically restored, perfect condition, $225. Pick up only. Robert Schrantz, 610 E. Juanita Ave., San Dimas, CA 91773. (714) 394-1194.

FOR SALE: Radio Shack belt drive lab 100, turn-table with cover, mag. cart. This is like new in orig. box, no O.M., $30; 12 ft. cable assy., looks like RG-8 male "N" connectors on both ends, also has smaller 4 conducter cable heat shrunk into it, has Amplica 830220 printed on shrink tubing, $3; VM tube type tuner, mdl. 1416, AM, FM, AFC & multiplex, light brown metal cabinet, works, $25. Add for shipping. SASE for parts list. C. England, 98 Montague Ave., Zanesville, OH 43701.

FOR SALE: 20% off - see ads for Jan. (Philco 46-131), Feb. (Mantola, Mar, Apr, May, Jun, Jul, Aug, Stewart-Warner 203: speaker transformer - $5, 3 lbs. shipping; dial face - $5, 6 ozs.; dial, tuning condenser, escutcheon - $12, 4 lbs.; Heathkit VTVM V-6, manual - $20, 7 lbs. Leon Horsted, 6616 CTHI, Waunakee, WS 53597. (608) 846-3287.

FOR SALE: Any loctal or octal tube in stock NOS, $2 each; Rider Radio vol's #7 to vol 12, $12 each; EICO model 950-B res-cap tester, $18; Conar cond tester RC 311, $18; Tobe (old) cond tester, $15; EICO 320 signal gen, $20; Have 100's of unlisted items to sell. Tubes, parts, test equip. All orders plus shipping & handling. Min. orders $8. Sales & service since 1930. (609) 783-0400. Krantz, 100 Osage Ave., Somerdale, NJ 08083.

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RADIO COLLECTOR BOOKS

Guide to Old Radios, 225 pages, Over 350 photos, by David & Betty Johnson $16.95
Vintage Radio Handbook, 263 pages, 1000 illus. 11.95
Flick Of The Switch 1930-1950, 1000 illus. 11.95
Official Radio Service Manual, 1930 Gernsback 19.95
Collector's Guide to Antique Radios, by Marty & Sue Bunis, 5000 models, 400 pict. 16.95
Fifty Years of Radio, March 1938 Issue of Hugo Gernsback's famous publication, 134 pages $15.95
Radio Manufacturers of the 1920's. Vol. 1 ..... 22.95
Radio Manufacturers of the 1920's. Vol. 2 ..... 26.95
Radio Manufacturers of the 1920's. Vol. 3 ..... 29.95
(Volume 3 Available Late Fall 1991)
Thomas A. Edison - A Stroke of Luck, 562 pgs. PB 13.95

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The Portable Radio in American Life

The newest book in radio, due October 1991. Valuable reference work; engrossing and readable. Great for gifts! 460 illustrations. Covers the period 1890-1965. 275 pgs. 8-1/2 x 11 - Hardback.

Did You Know That...

-Portable radios were sold in every decade of this century?
-The first boom box dates to the 1920's?
-Almost no true portables were made during the Depression?
-Miniature tubes of 1940 were a response to the portable revival, not it's cause?
-The first shirt-pocket radio was made in 1945 and contained 5 tubes?
-The first transistor radio was made in Indianapolis, not Tokyo?
-The first U.S. high-tech product clobbered by Japanese competition was the portable radio?

Reserve your copy now by ordering direct from the author at $45 (post-paid)

Michael Schiffer **2718 E. 10th St., Tucson, AZ 85716**

10/91

INTRODUCING

The Instructions for Atwater Kent Open Mounted Radio Receiving Sets

A high quality exact reprint of a 12 page booklet put out by Atwater Kent in 1929. It has battery hook-ups and photos of sets like Model 5 (No. 4333), Model 9 (No. 4445), Model 10 (No. 4340), Model 9A (No. 4445A), Model 10A (No. 4550 and 4560), Model 10B (No. 4550 and 4560), Model 12 (No. 4620), Model 9 (No. 4660), Model 10C (No. 4700), Model 12 (No. 4910, 4052 and 4066). It's a dandy reference for only $4.95 plus $1.50 postage and handling.

Send check or money order to:

Radio Age Publications
636 Cambridge Road
Augusta, Georgia 30909

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FOR SALE: Solid State RCA Stratoworld Mark One 6 band, $70; Grundig Stenorette, $15; Zenith 6G801, press button doors, pop open antenna pops up, $30; Transoceanic H500, cabinet poor, does not work, $20; Pilot T601FM adaptor, $15. All plus UPS. Victor Marett, 3201 N.W. 18 St., Miami, FL 33125. (305) 634-9569.

WANTED: Automobile radios 1932-62. Also want to buy antennas, foot controls, automobile phonographs, parts, literature, etc. Dan Schulz, Box 892, Crystal Beach, FL 34681. (813) 785-8733 or 1-800-933-4926.

FOR TRADE: Transistors. Sony TR-63, Motorola 56T1, Zenith hand-wired 500, 500H, Emerson 888, Emerson hybrid, Roberts R200, many others. Eric Wrobbel, 20802 Exhibit Ct., Woodland Hills, CA 91367. (818) 884-2282.

FOR SALE: Pilot T3, $45; AK44 Lg. metal set, $65; Grunow Teledial 623, $100; Philco 112 in Belgeddes cabinet w/ sliding doors, $150; Philco 37-650, $100; Samson PAM80 amp, $50. All clean, untested. (PART OF AD CUT OFF BY FAX) Phillip Majewski. 5830 Nuangola Rd., Mountaintop, PA 18707.

FOR SALE: Excellent original radios: Philco 37-610, $125; DeWald A-502 Catalin, $450; Atwater Kent 36 with E spk., $200; Philco Jr., $110; Mitchel Bedlamp Radio, $50; Philco 90, $425; Piano Radio (wood), $300; National SW-3, plus crystal and battery radios! Send SASE for large list. Jerry Finamore, 87 Stonewood Pl., Catasauqua, PA 18032. (215) 264-8412.

FOR SALE: Grille cloth, as good as the original! After 2 years of working and waiting, I've finally obtained new stocks of cloth. Three new patterns are available at this time: #3 Philco 70/90, #5 RCA/Zenith/Echophone, and #10 which is a plain gold/brown cloth that works well in Crosley Buddy Boys, Philco 20, and most other sets as a "generic" pattern. Send a LSASE for samples, and give you radios their original look. Michael Katz, 432 Park Avenue South, #402, New York, NY 10016. (212) 725-0736 evenings only.

FOR SALE: Catalin collection for sale: Yellow/green Motorola "S" grill, $3150; black/orange Emerson AX-235, $3000; blue FADA "Temple", $2750; green FADA "Bullet", $850; yellow/red FADA "Temple", $750; yellow/black Emerson AX-235, $450. Contact Mike Headley at (714) 777-4077. 20172 Woodstock Ct., Yorba Linda, CA 92686.

FOR SALE: Silvertone farm radio with power pack, $60; Gerston super five battery radio with tubes, $100; Zenith 5D627, $50; Zenith farm radio 4C52, $45; Philco 41-240 TM BC-SW, $55; Grundig-Majestic model 2065, $60; Truetone tombstone farm radio model 404, $65. Add UPS charges. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506. (402) 488-5263.

FOR SALE: Knight KG-600B tube tester w/ oper. inst. and obselete tube info., $20; Precesion model E200C,

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Many of your old time radio favorites are available on quality cassettes at a reasonable cost. You select the shows you want and purchase them by the hour. Fast, friendly service too.

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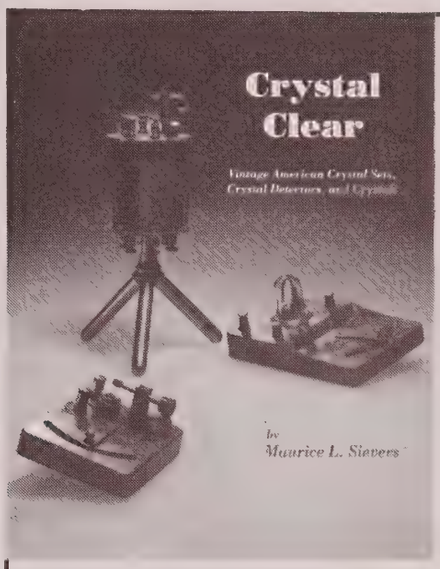

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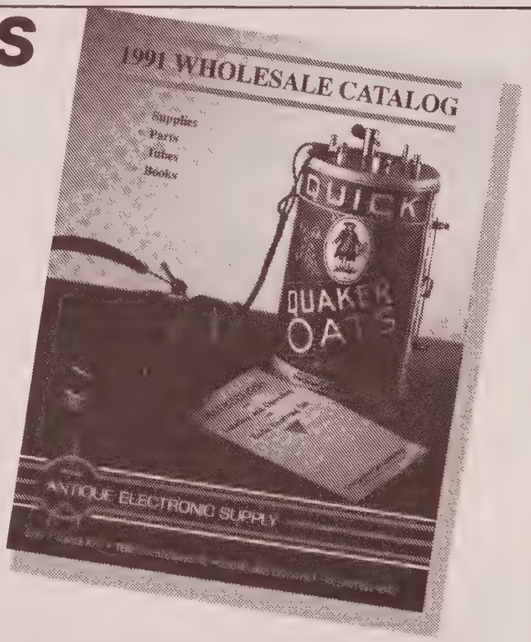

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(continued from p. 15)

$35. UPS extra. **WANTED:** Cabinet for Philco model 70 cathedral and RCA model 128, and good dial face; knobs for Philco model 60 cathedral; idler wheel for Grundig tape deck TM-45. James Inglett, Rt. 1, Box 206, Midway, AR 72651. (501) 431-8430.

FOR SALE: Tubes, used, tested good: 6D6, 6X5GT, 12SH7, 12SJ7, 7586, $2 each; brown metal cover for Dynaco PAS stereo preamp, $3; front panel for Dynaco SCA-50 integrated amplifier, $5; cleaning out junkbox: transformers, project boxes, capacitors, resistors, phonograph induction motors, 5 pounds for $10. Shipping extra. **WANTED:** Photocopies of owner's manuals for the following radios: Zenith 5R312, FADA RN, Philco 70, AK 37, Browning-Drake 5R, RCA Victrola U9, Crosley 515. Doug Fox 1324 N. Russell Ave., Aurora, IL 60506. (708) 896-5490.

FOR SALE: Radio made by National - Panasonic model RF 5000, 11 bands, transoceanic type, $20; Books: Ryder #7, $12; Sam's Substitution Handbook, $1.50; Applied Practical Radio & TV by Coyne, H/B, $5. All plus UPS. (601) 922-2235. Mr. Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209.

FOR SALE: Atwater Kent: (all with tubes) Model 42, $65; Model 47, $85; Model 52, $40; Model 55 chassis, $50; Model L chassis and speaker, working, $75. Crosley: Showbox with Dynacone speaker, $125; Model 51, rough, $50; Bendix suitcase portable 687A, $60; Lyric 546TL (rare) white deco, some paint chips, plays nice, $75. Radio News: 28 assorted issues, 1939 to 1945, all for $35; Superior Instruments Model TC55 tube tester with charts, $25; Western Electrical Instruments, Patent 1898, AC voltage meter in wood case, model 155, $45; RCA tube manual R28, $10. **FOR TRADE**: Novelty transistor cathedral, 4 inches tall for any other novelty, make an offer. Excellent reproduction of Gernsback's "Modern Vacuum Tube", bound, 64 pages, great info. on 4 and 5 pin tubes, 1935, $8. I'm still looking for a set of pushbuttons for an Airline 62-303 "Movie Dial" console. All the above prices include shipping. Photo list of all the above and more available for $1 and LSASE to: Mark Neubrand, 618 Gypsum, Salina, KS 67401.

FOR SALE: New: A book featuring pictures of 97% of all the Zenith radios produced from 1921 through 1946. Nearly all the graphics are from the dealer brochures from each year. Photocopy $24.95 plus $4 shipping. We also have brochures from many other brands to aid the collector such as 1940 RCA showing World's Fair, Mexican, etc., $6 ppd. SASE for complete updated list. In addition to our two black Zenith T-shirts, a silver Philco T-shirt, Very art deco, $12.95 ppd., XXL $14.95 ppd. 1936 Zenith poster, 25"x38", $19.95 ppd. 1991 Passport to World Band Radio, $18.95 ppd. Zenith 12A57 and 12A58 reproduction dial glass, $59 ppd. Satisfaction guaranteed, shipping extra unless noted. (612) 727-2489, 8am to 8pm CST, ans. mach. after 4 rings. FAX (612) 727-1908. Alan Jesperson, POB 17338, Minneapolis, MN 55417.

FOR SALE: 24 transmitting tubes: Commercial - 4-125A (2); 710L (6); 816 (2); GL-627 (1); GL-868 (2); WL-930 (2); Military - CEQ-3C31-C18 (1); CNU-705A (2); CRP-3B24 (1); CRP-72 (1); CW-388A (2); RK-721A (1); VU-1115 (1); SELL AS LOT ONLY. $100 (UPS prepaid). Carl Reinke, 2724, N. 27th St., Sheboygan, WI 53083.

WANTED: Crosley 52 audios; AK-708 chassis; AK-485Q cabinet; operating instructions for Hallicrafters SX-25 and S-41G, copy OK. Bob Nicholson, 3423 S. Long, Topeka, KS 66605. (913) 266-9473.

WANTED: Precision: tube tester model no. 10-12 (wooden case 1950); EICO: tube tester model no. 666; Heathkit: RF and audio probes for model no. T-3 signal tracer; EICO: operating and assembly manual for model 150 signal tracer; EICO: operating and assembly manual for model no. 950B resistor and capacitor bridge. Ralph S. Williams, 11150 N.W. 12th Lane, Ocala, FL 32675. (904) 237-3725.

(continued on p. 18)

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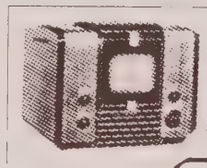

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(continued from p. 17)

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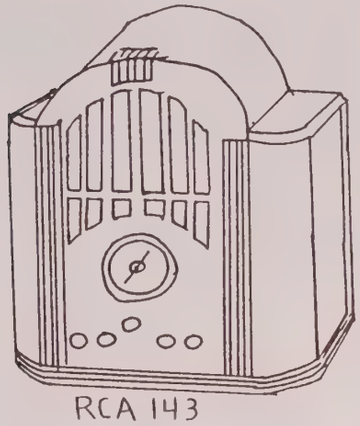

WANTED: RCA 1934 8-tube, 5-knob, 4-band chassis or good dial. This is table model 143 or console model 242 (B.F.T.P. p. 135). Would anyone be interested in getting reproduction dials made in the $15-$20 price range? Curt Schreiber, 3923 East Latoka, Springfield, MO 65809. (417) 887-5184.

FOR SALE: '31 Scott All-Wave chassis, coils, speaker, shipping box, $400; All-Wave sales lit. J. Talbott, 1440 SW 239th St., Hillboro, OR 97123. (503) 649-6717.

WANTED: Unusual & novelty radios bought. $500 paid for Zenith Radio Nurse (intercom)! $2000 - $10,000 paid for any pre-1941 television. $125 - $200 for Regency TR1 transistor! Quantity no problem - will buy 5 or more Catalins at one time - up to 200 TV's at a time. Cash paid! Harry Poster, Box 1883, S. Hackensack, NJ 07606. (201) 794-9606, most weekdays before 7pm.

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FOR SALE: 1960-71 Allied industrial catalogs, $3 each; AK-55 parts; Precision signal generator E-200C, nice condition, $20; '58 Chevy car radio, $20; green bakelite deco Motorola clock radio, $20; old mic. with stand, $35. **WANTED**: Pilot radios any model and any condition. Bill Moore, 1005 Fieldstone Ct., Hsv., AL 35803. (205) 880-1207.

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(continued from p. 18)

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FOR SALE: Hallicrafters SX 43 receiver, working, cabinet good, $70; Radiola 20 floor model, w/ AC supply + bat. elem., cabinet decent, w/o tubes, $90; Standardyne "7", metal, works loud, w/ octagon speaker, paper cone exc., cloth gone, heavy, $75; Philco 16B tombstone, working, cabinet rough, heavy, $75. J.L. Acciavatti, POB 231, South Borough, MA 01772.

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(continued on p. 21)

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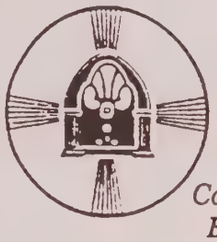

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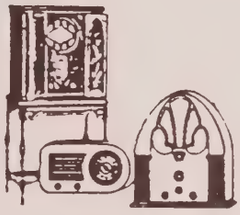

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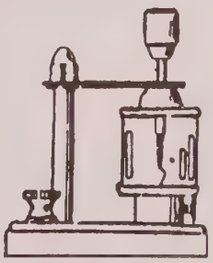

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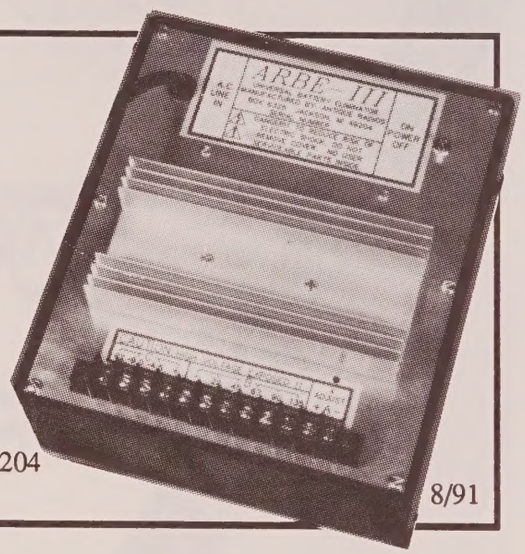

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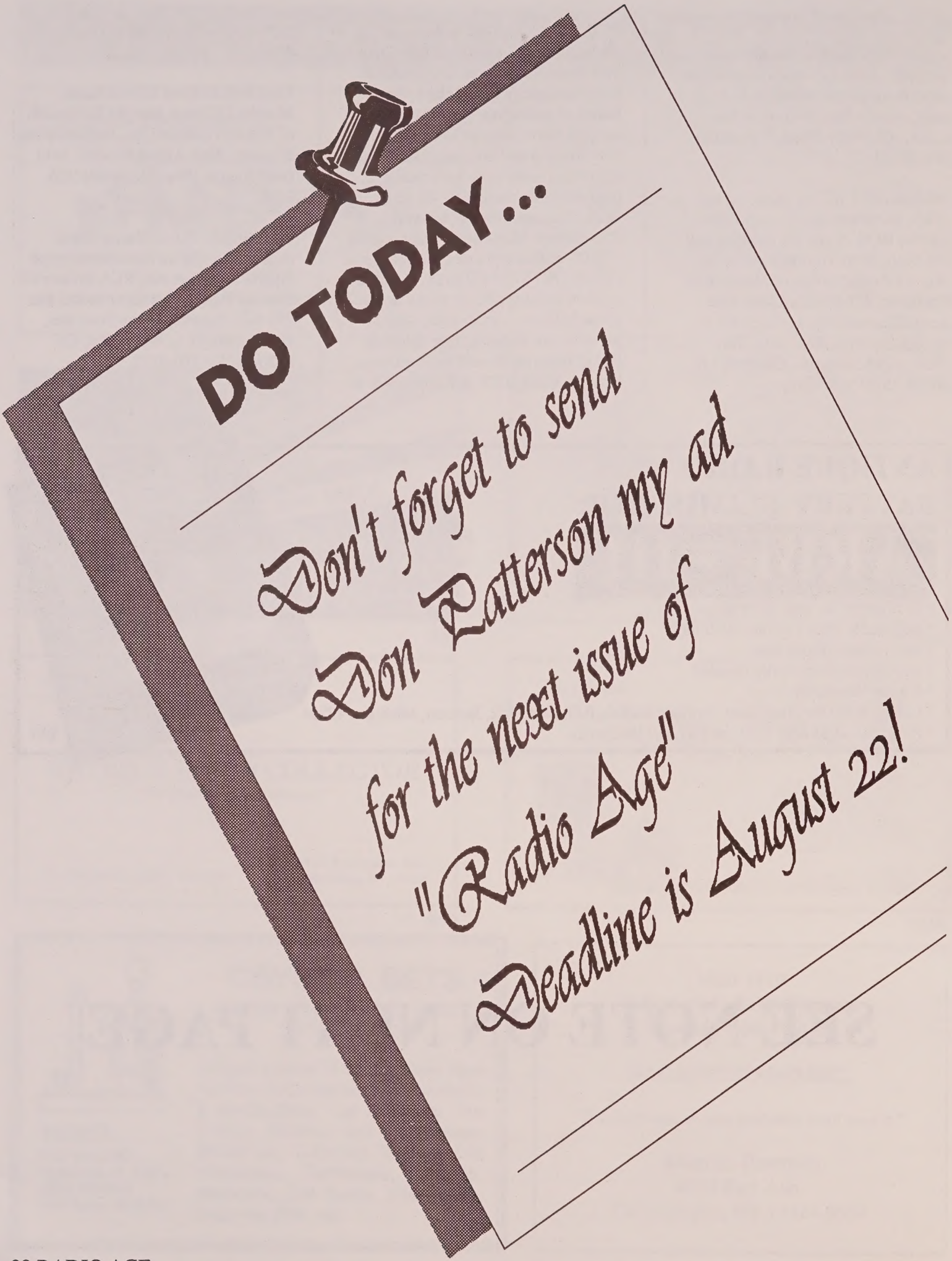
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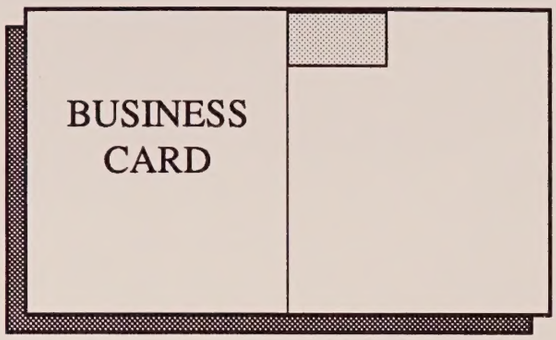

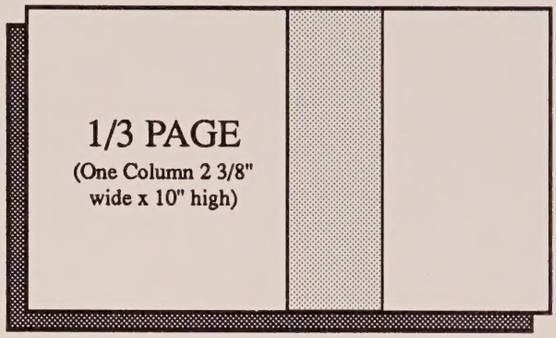

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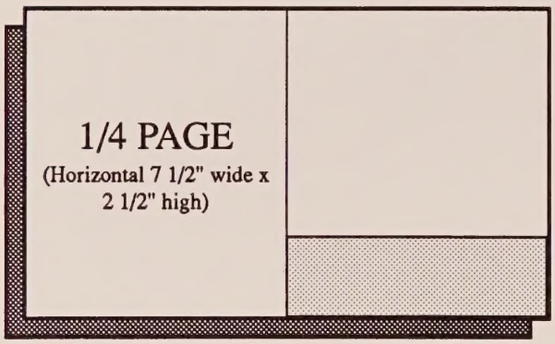

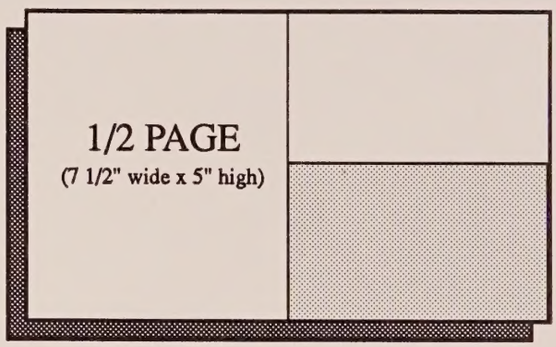

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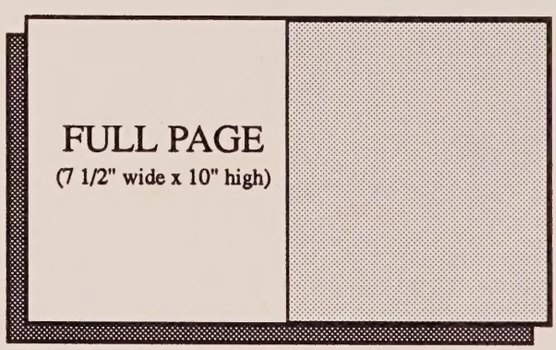

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Puget Sound Antique Radio Association (PSARA). Info: Max A. Kaplan, 14902 84th Avenue Ct. N.W., Gig Harbor, WA 98335.

Michigan Antique Radio Club (MARC). Jim Clark, President. Pub: "Chronicle", quarterly. Meets bi-monthly. Dues: $12/year pro-rated. Write: Larry Anderson, 3453 Balsam NE, Grand Rapids, MI 49505.

Northland Antique Radio Club (NARC). P.O. Box 18362, Minneapolis, MN 55418. Pub: NARC Newsletter, six/year. Dues: $10.00. About six meets a year.

Southern California Antique Radio Society (SCARS). Edward Sheldon, 656 Gravilla Place, La Jolla, CA 92037. Pub: California Antique Radio Gazette, quarterly. Dues: $10.00. Four meets per year.

Houston Vintage Radio Association (HVRA). Bill Werzner, Pres., P.O. Box 31276, Houston, TX 77231-1276. Pub: Grid Leak, monthly. Dues: $10.00 ($15.00 local). Regional Meets.

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Club Information

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Florida Antique Wireless Group (FAWG). P.O. Box 547432, Orlando, FL 32854-7432. Dennis Williams (407) 895-0146 and Paul Curry (407) 365-9305, co-founders. Bi-monthly newsletter.

Antique Wireless Association (AWA). Joyce Peckham, P.O. Box E, Breesport, NY 14816. Pub: The Old Timers Bulletin, quarterly. Dues: $10.00. National and regional conventions. Museum.

Mid-Atlantic Antique Radio Club (MAARC). Monthly newsletter. Some local events. Joe Koester, President. Dues $12/year, 2 years $24, (one free issue), 3 years $36 (two free issues), lifetime $180. Write: Nevell Greenough, 62 Nancy Dr., Hamilton Square, NJ 08619.

California Historical Radio Society (CHRS). Membership Secretary Adam Schoolsky, 38007 Stenhammer Drive, Freemont, CA 94536. (415) 791-0330.. Dues: $15 year. Seven swap meets, four quarterly journals, and two biannual Audio News Tapes.

Indiana Historical Radio Society (IHRS). Spring swap-meet, flea market, auction, contest. Pub: IHRS Bulletin, quarterly. Dues: $8.00. Info: Contact Ed Taylor, 245 N. Oakland Ave,. Indianapolis, IN 46201. (317) 638-1641. Please include SASE.

New England Antique Radio Club (NEARC). Marty Bunis, RR1, Box 36, Bradford, NH 03221. (603) 938-5051. Pub: THE ESCUTCHEON, quarterly (call or write for free sample). Dues: $10. Quarterly Meets/Auctions.

Arizona Antique Radio Club (AARC). Monthly meetings Oct. through May; one swap meet in Spring; four quarterly "Radio Club News" (sample issue, $2.50 ppd.). Dues: $15 for calendar year. Information: contact Lois Watson, Secretary-Treasurer or Clyde Watson, Editor, 8311 Via de Sereno, Scottsdale, AZ 85258. (602) 948-6466.

Kentucky Chapter Antique Radio Club of America (ARCA). Kentucky has a new chapter. Dues are $12 yearly. Send check to KY Chapter Antique Radio Club of America for membership to: Robert E. Dickerson, Pres., 1907 Lynn Lea Rd., Louisville, KY 40216. (502) 447-6399.

The Southern Vintage Wireless Association (SVWA) has been formed in northern Alabama to promote antique radio preservation and related activities in the southeast. Meetings will be held quarterly in conjunction with flea markets/swap meets. Anyone interested in joining should contact Bill Moore, 1005 Fieldstone Ct., HSV, AL 35803. (205) 880-1207.

Alabama Historical Radio Society (AHRS). Don Kresge, President. 4721 Overwood Circle, Birmingham, AL 35222. Monthly meetings 4th Monday except Dec. at Homewood Public Library, 1721 Oxmoor Rd., 7pm. Museum being planned.

Northwest Vintage Radio Society (NVRS). Info: Dan Howard, 2940 S.E. 118th Avenue, Portland, OR 97266-1602.

Niagara Frontier Wireless Association (NFWA) Your membership is welcomed. You may join the NFWA by sending $9 (American Funds) for a one year membership to: NFWA c/o Art Albion, 440 69th St., Niagara Falls, NY 14304. Dues are payable each Jan. New members may join any time for $9. Floyd Engels, President.

Antique Radio Club of Illinois (ARCI), secretary - Carolyn Knipfel, Rt. 3, Veteran's Rd., Morton, IL 61550. Dues: $12 per year. Publication: ARCI News. Six meets a year including Radiofest.

Southeastern Antique Radio Society (SARS), Georgia has a new club! We welcome your support. Spring and Fall swap meets plus mini meet before each bimonthly meeting. Annual dues $10. Contact David Martin, 1502 Wood Thrush Way, Marietta, GA 30062. (404) 578-1279.

Club Events

PROVIDED FREE

NEARC Fall Swap & Sell Meet, October 19, 1991 at Resurrection Center, 449 Broad Street, Nashua, NH, 8 am to 1 pm. Info: Marty Bunis, RR1, Box 36, Bradford, NH 03221. (603) 938-5051.

Southeastern Antique Radio Society Swap Meet - Flea Market - Tailgating. Saturday, October 19, 1991, 8am - 2pm. Marietta, GA(I-75 exit 112, east on 120 loop to 2nd light, right on lower Roswell Rd., 3/10 miles and left into Sewell Park) For more info. contact David Martin (404) 578-1279 or Charles Pierce (404) 233-1340 evenings and weekends.

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